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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dmitry Rumynin et al.

Title: A PARALLEL COUNTER AND A LOGIC CIRCUIT FOR PERFORMING MULTIPLICATION

Docket No.: 1365.051US1

Filed: July 27, 2001

Examiner: Unknown

Serial No.: 09/917,257

Due Date: N/A

Group Art Unit: 2121

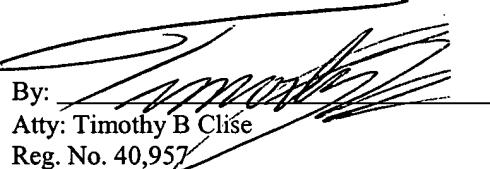
MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

A return postcard.
 A Communication Concerning Related Applications (2 pgs.).
 A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 9 cited documents.

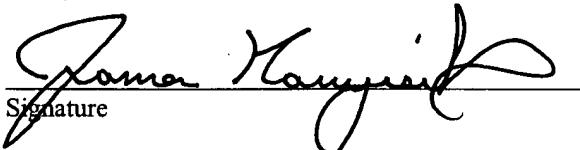
If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
Customer Number 21186

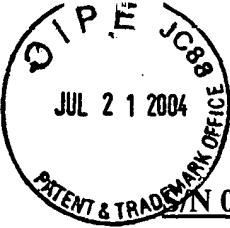
By: 
Atty: Timothy B Clise
Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 19th day of July, 2004.

JAMES KANYUSIK
Name


Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
(GENERAL)



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dmitriy Rumynin et al. Examiner: Unknown
Serial No.: 09/917,257 Group Art Unit: 2121
Filed: July 27, 2001 Docket: 1365.051US1
Title: A PARALLEL COUNTER AND A LOGIC CIRCUIT FOR PERFORMING
MULTIPLICATION

COMMUNICATION CONCERNING RELATED APPLICATIONS

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
09/637532	August 11, 2000	1365.033US1	A PARALLEL COUNTER AND MULTIPLICATION LOGIC CIRCUIT
09/769954	January 25, 2001	1365.039US1	A PARALLEL COUNTER AND A MULTIPLICATION LOGIC CIRCUIT
10/472658	September 22, 2003	1365.072US1	A MULTIPLICATION LOGIC CIRCUIT
10/714408	November 14, 2003	1365.063US1	LOGIC CIRCUIT AND METHOD FOR CARRY AND SUM GENERATION AND METHOD OF DESIGNING SUCH A LOGIC CIRCUIT
10/776938	February 11, 2004	1365.065US1	LOGIC CIRCUITS FOR PERFORMING THRESHOLD FUNCTIONS

COMMUNICATION CONCERNING RELATED APPLICATIONS

Serial Number: 09/917,257

Filing Date: July 27, 2001

Title: A PARALLEL COUNTER AND A LOGIC CIRCUIT FOR PERFORMING MULTIPLICATION

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Dkt: 1365.051US1

10/817752

April 2,
2004

1365.085US1

A PARALLEL COUNTER AND A
LOGIC CIRCUIT FOR PERFORMING
MULTIPLICATION

Respectfully submitted,

DMITRIY RUMYNIN ET AL.

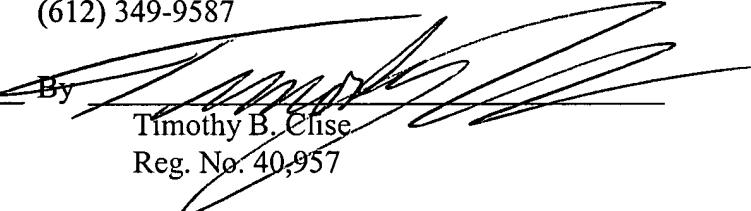
By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 349-9587

Date

19 July '04

By


Timothy B. Clise
Reg. No. 40,957

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MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 19TH day of July,
2004.

Name

JAMES KANYUSIK

Signature





STN 09/917,257

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dmitriy Rumynin et al. Examiner: Unknown
Serial No.: 09/917,257 Group Art Unit: 2121
Filed: July 27, 2001 Docket: 1365.051US1
Title: A PARALLEL COUNTER AND A LOGIC CIRCUIT FOR PERFORMING
MULTIPLICATION

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :09/917,257

Filing Date: July 27, 2001

Title: A PARALLEL COUNTER AND A LOGIC CIRCUIT FOR PERFORMING MULTIPLICATION

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Dkt: 1365.051US1

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

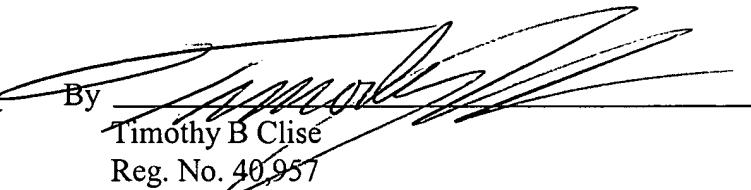
Respectfully submitted,

DMITRIY RUMYNIN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 349-9587

Date

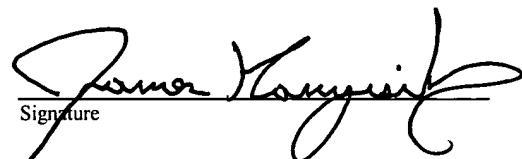
10 July '04 
By _____
Timothy B Clise
Reg. No. 40,957

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Name

JAMES KANYUSIK

Signature



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known	
Application Number	09/917,257
Filing Date	July 27, 2001
First Named Inventor	Rumynin, Dmitriy
Group Art Unit	2121
Examiner Name	Unknown
Attorney Docket No: 1365.051US1	

Sheet 1 of 1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-6,175,852	01/16/2001	Dhong, S. H., et al.	708	712	07/13/1998
	US-6,269,386	07/31/2001	Siers, S. E., et al.	708	710	10/14/1998

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BEDRIJ, O. J., "Carry-Select Adder", IRE Trans., EC-11, (June 1962),340-346	
		KNOWLES, S. , "A Family of Adders", Proc. 14th IEEE Symp. on Computer Arithmetic, (1999),30-34	
		KOGGE, P. M., et al., "A Parallel Algorithm for the Efficient Solution of a General Class of Recurrence Equations", IEEE Trans. Computers, Vol. C-22, No. 8, (Aug. 1973),786-793	
		LADNER, RICHARD E., et al., "Parallel Prefix Computation", Journal of ACM, Vol. 27, No. 4, (Oct. 1980),831-838	
		LING, HUEY , "High-Speed Binary Adder", IBM Journal of Research and Development, Vol. 25, No. 3, (1981),156-166	
		SKLANSKY, J., "Conditional-Sum Addition Logic", IRE Trans., EC-9, (June 1960),226-231	
		WEINBERGER, A., et al., "A Logic for High-Speed Addition", Nat. Bur. Stand. Circ., 591, (1958),3-12	

EXAMINER**DATE CONSIDERED**